

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>ML-48230</b>	6. SURFACE: <b>Fee</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: <b>N/A</b> <i>Huntington Canal</i>	
2. NAME OF OPERATOR: <b>XTO Energy, Inc.</b>			9. WELL NAME and NUMBER: <b>UP&amp;L #17-8-6-34</b>	
3. ADDRESS OF OPERATOR: <b>2700 Farmington Ave.</b> CITY <b>Farmington</b> STATE <b>NM</b> ZIP <b>87401</b>			10. FIELD AND POOL, OR WILDCAT: <b>Ferron Sandstone</b> <i>Buzzard Bush</i>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>461' FSL x 2280' FEL</b> <i>494291X    39.367843</i> AT PROPOSED PRODUCING ZONE: <b>same</b> <i>4357391Y    -111.066268</i>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSE 6 17S 8E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 9 miles Northwest of Huntington, Utah</b>			12. COUNTY: <b>Emery</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>461'</b>	16. NUMBER OF ACRES IN LEASE: <b>393.10</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>160</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>2350'</b>	19. PROPOSED DEPTH: <b>4,090</b>	20. BOND DESCRIPTION: <b>UTB-000138</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>6594' Ground Elevation</b>	22. APPROXIMATE DATE WORK WILL START: <b>9/10/2007</b>	23. ESTIMATED DURATION: <b>2 weeks</b>		

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12.75"	9.625"    J-55    36#	300	Type V	+/- 142 sx	1.61 ft3/sx    14.2 ppg
8.75"	5.5"    J-55    15.5#	4,090	CBM light wt - lead	+/- 55 sx	4.15 ft3/sx    10.5 ppg
			CBM light wt - tail	+/- 97 sx	1.81 ft3/sx    13.5 ppg

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) <u><b>Kyla Vaughan</b></u>	TITLE <u><b>Regulatory Compliance Tech</b></u>
SIGNATURE <u><i>Kyla Vaughan</i></u>	DATE <u><b>7/23/2007</b></u>

(This space for State use only)

API NUMBER ASSIGNED: **43-015-30725**

Approved by the  
Utah Division of  
Oil, Gas and Mining

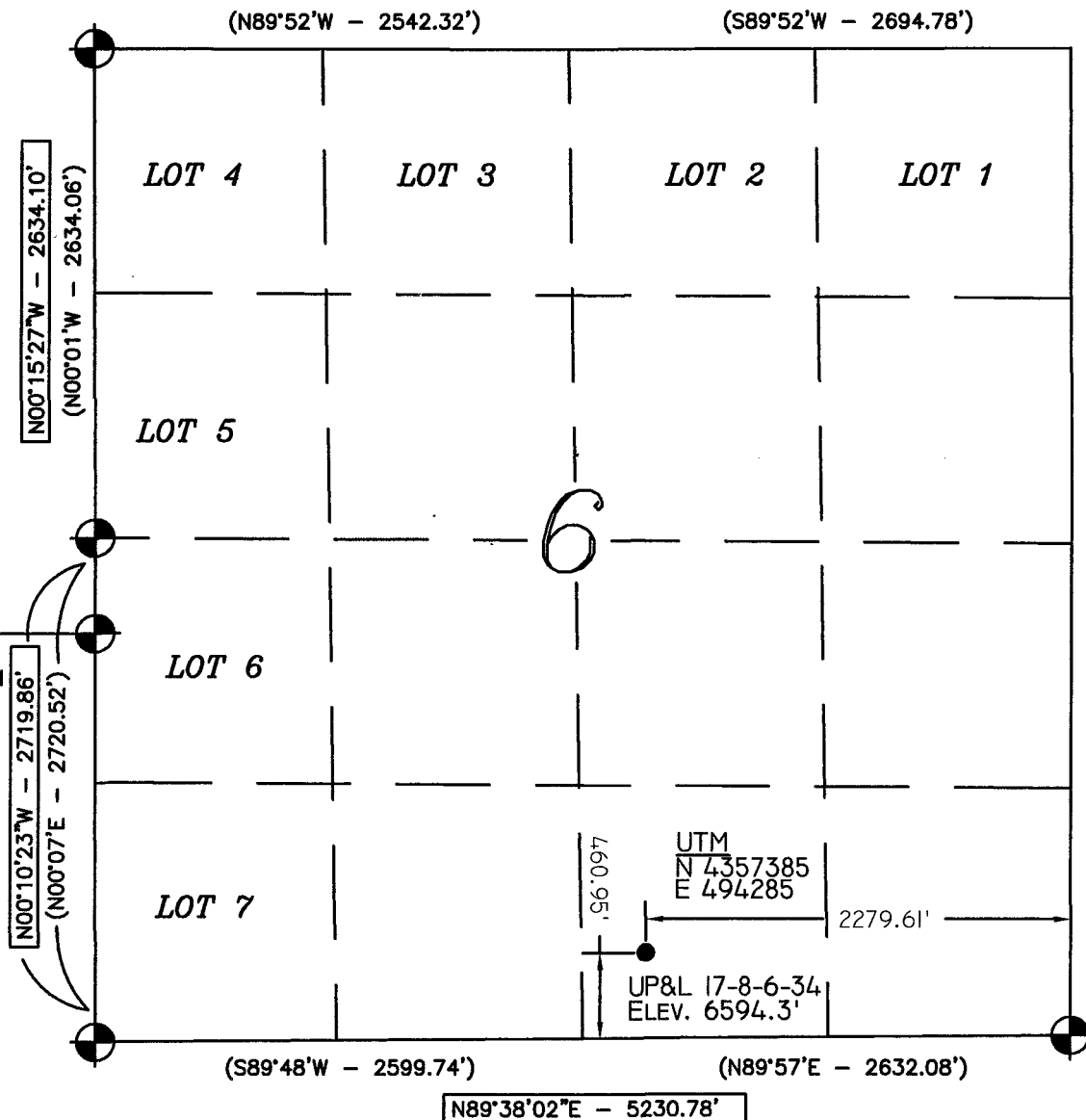
**RECEIVED**  
**JUL 26 2007**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)  
Date: **10-25-07**  
By: *[Signature]*

# Range 8 East

Township 17 South



## Legend

- Drill Hole Location
- ⊕ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- ( ) GLO
- GPS Measured

## NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG  
39°22'04.035" N  
111°03'58.833" W

## Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

## Basis of Bearing:

The Basis of Bearing is GPS Measured.

## GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

## Basis of Elevation:

Basis of Elevation of 6395.0' being at the Northwest Section corner of Section 6, Township 17 South, Range 8 East, Salt Lake Base & Meridian, as shown on the Hiawatha Quadrangle 7.5 Minute Series Map.

## Description of Location:

Proposed Drill Hole located in SW/4 SE/4 of Section 6, T17S, R8E, S.L.B.&M., being North 460.95' from South Line and West 2279.61' from East Line of Section 6, T17S, R8E, Salt Lake Base & Meridian.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



GRAPHIC SCALE

0 500' 1000'

( IN FEET )

1 inch = 1000ft.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@etv.net



UP&L 17-8-6-34

Section 6, T17S, R8E, S.L.B.&M.  
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 5/21/07
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 2862

## **Application for Permit to Drill Surface Use Plan**

Company: XTO Energy, Inc  
Well No: UP&L 17-8-6-34  
Location: 461' FSL & 2280' FEL, Section 6, T17S, R8E

### Thirteen Point Surface Use Plan

The dirt contractor will be provided an approved copy of the surface use plan of operations before starting construction.

#### 1. Existing Roads

- a. Proposed route to location: The proposed route to location is shown on Exhibit "A" and is from the Hiawatha Quadrangle 7.5 minute series USGS quadrangle map.
- b. Location of proposed well in relation to town or other reference point: From Huntington, Utah go West on Hwy 31 for 7.6 miles. Turn left on Deer Creek Mine Road and go South for 0.7 miles. Go East through contractors gate and continue 1.2 miles to "tee" intersection. Turn left towards refuse pile and go 0.4 miles to the "tee" intersection and turn right on well access road. Travel up dugway 0.9 miles to "tee" intersection and turn left. Go 0.1 miles and well location is 0.1 miles North and East.
- c. Contact the County Road Department for use of County Roads: No county road permits should be required.
- d. Plans for improvement and/or maintenance of existing roads: All existing roads within 1 mile of the drill site are shown on Exhibit "B". All roads that will be used to the well location will be maintained to their current conditions are better.
- e. Other Comments: None

#### 2. Planned Access Roads

- a. Location of Access Road: Starting from a point along an existing road in the SE/4 of Section 6, T17S, R8E.
- b. Length of New Road: 775' of road will need to be constructed to access this location. See Exhibit "C".
- c. Length of Existing Road to Upgrade: No existing roads should need upgrades to access this location.
- d. Maximum Disturbed Width: Typically new access roads require up to 60' of disturbed width which includes ROW for gas and water pipe lines and electric service.

- e. Travel Width of Access Road: 25' or less.
- f. Maximum Grade after Construction: Maximum grades will not exceed 10% after construction.
- g. Turnouts Planned: No Turnouts are planned at this time.
- h. Surface Materials: Only native materials will be used if additional construction is required. If necessary, gravel or rock may be purchased and used to improve road conditions and travel.
- i. Drainage (crowning, ditching, culverts, etc.): Roads will be re-crowned and bar ditches, if necessary, will be located on either side. 18"-24" culverts will be installed as necessary.
- j. Cattle Guards: No cattle guards are planned at this time. If necessary, cattle guards will be specified in the stipulations.
- k. Length of new and/or existing roads which lie outside the lease or unit boundary for which a BLM/State/Fee right of way is required: None.
- l. Other:
  - i. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by the State of Utah in Advance.
  - ii. If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.
  - iii. If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of the boundary adjustment. Rental fees, if appropriate, shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.
  - iv. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the State of Utah will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the State of Utah.

- v. If the well is not productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells:

- a. On a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Exhibit "B".

4. Location of Production Facilities:

- a. On-Site facilities: Typical on-site facilities will consist of a wellhead, gas flow line, water flow line, artificial lifting system (pumping unit), 2 phase separator, gas measurement, water measurement, electronics, a heated enclosure/building for weather and environmental protection and chemical injection equipment (as required). All production and measurement shall conform to the provisions of 43 CFR § 3162.7 and Onshore Oil and Gas Order No. 4, if applicable.
- b. All permanent (in place for six months or longer) structures constructed or installed on the well site location will be painted a flat, non reflective color to match the standard environmental colors, as specified by the COA's in the APD. All facilities will be painted within six months of installation. Facilities required complying with the Occupational Safety and Health Act (OSHA) may be excluded.
- c. Off-site facilities: Off-site facilities are located at the CDP station and include compression, processing, separation, tanks, pits, electronics, and produced water disposal (SWD) well.
- d. Pipelines: The well will be produced into gas and water pipelines (sizes to be determined) and transported to existing pipelines. See Exhibit "C" for the proposed pipeline route.
- e. Power lines: Power lines are located underground in the same ROW as the water and gas pipelines.

5. Location and Type of Water Supply:

- a. All water required for drilling will be purchased from local municipal water supply. If possible, currently produced coal well water may also be used after receiving any necessary permits. Water will be trucked to location by a third party trucking company who specializes in water hauling.
- b. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of land.

6. Source of Construction Material:

- a. Pad construction material will be obtained from (if the source is Federally owned, show location on a map): All construction material will be purchased from private land owners or from a commercial gravel/materials pit. The use of materials will conform to 43 CFR § 3610.2-3, if applicable.
- b. The use of materials under State of Utah jurisdiction will conform to 43CFR § 3610.2-3, if applicable.

7. Methods of Handling Waste Disposal:

- a. Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc. The reserve pit will be located along the edge and within the boundaries of the designated well pad. The walls of the pit will be sloped at no greater than 2 to 1 and will be lined with a synthetic material of approximately 12 mills in thickness. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the pit will be fenced before drilling starts. The forth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. The amount of time the pit way remain open will typically be specified by the COA's. Once dry, the liner will be cut and removed at the mud line and the pit will be covered and buried in place.
- b. Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than the completion of drilling operations.
- c. Sewage from trailers and chemical portable toilets will be removed on a regular basis by a third party contractor and disposed of at an authorized sanitary waste facility.
- d. Any and all chemicals used during the drilling and completion of the well will be kept to a minimum and stored within the boundaries of the well pad. The third party chemical contractor will be responsible for containment and clean-up and removal of all spilled chemicals on location.

8. Ancillary Facilities:

- a. No ancillary facilities will be required during the drilling or completion of the well.

9. Well Site Layout:

- a. Depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1"=50'. See Exhibit "D" & "E".
- b. All equipment and vehicles that will be used to drill and complete this well will remain within the boundaries of the approved well pad. Any equipment and or vehicles parked or stored off the location will be considered trespassing on federal lands and will NOT be tolerated.

- c. Materials obtained from the construction of the location, like topsoil and vegetation will be stock piled as indicated and permitted by the approved APD. The stock piles themselves may be outside the approved boundaries of the well pad.

10. Plans for Restoration of the Surface:

- a. The top 6 inches of topsoil material will be removed from the location and stockpiled separately on Adjacent Land or as specified by the approved APD.
- b. Topsoil along the access road will be reserved in place adjacent to the road.
- c. Within 30-45 days after completion of well, all equipment that is not necessary for production shall be removed.
- d. The reserve pit and that portion of the location not needed for production will be reclaimed 90-120 days after completion of the well.
- e. Before any dirt work to restore the location takes place, the reserve pit must be ready for burial.
- f. All road surfacing will be removed prior to the rehabilitation of roads.
- g. Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.
- h. All disturbed areas will be re-contoured to replicate the natural slope.
- i. The stockpiled topsoil will be evenly distributed over the disturbed area.
- j. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.
- k. Seed will broadcast or drilled between September and November, or at a time specified by the BLM and or state. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
- l. The following seed mixture will be used: As specified conditions of approval.
- m. If necessary, an abandonment marker will be one of the following, as specified by the State of Utah:
  - i. At least four feet above ground level,
  - ii. At restored ground level, or
  - iii. Below ground level.
  - iv. In any case the marker shall be inscribed with the following: operator name, lease number, well name and description (township, section, range, and either quarter-quarter or footages).
- n. Additional requirements: None

11. Surface and Mineral Ownership:

The Surface is owned by UP&L, PacificCorp d/b/a Utah Power & Light company, 1407 West North Temple, Suite 110, Salt Lake City, Utah, 84116. The minerals are leased by XTO Energy from the State of Utah. See attached Surface Use Agreement. See Exhibit "F".

12. Other Information:

- a. Archeological Concerns: An approved contractor will submit the appropriate reports to the agency as required. Special stipulations will be included in the COA's of the approved APD.
- b. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the State of Utah Field Office. Within five (5) working days, the State of Utah will inform the operator as to:
  - i. Whether the materials appear eligible for the National Register of Historic Places;
  - ii. The mitigation measures the operator will likely have to undertake before the site can be used ( assuming in situ preservation is not necessary); and
  - iii. A time frame for the State of Utah to complete an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the State of Utah are correct and that mitigation is appropriate.
- c. If the operator wishes, at any time, to relocate activities to avoid the expenses of mitigation and/or the delays associated with this process, the State will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The State of Utah will provide technical and procedural guidelines for the conduct of mitigation. Upon Verification from the State of Utah that the required mitigation has been completed, the operator will then be allowed to resume construction.
- d. Threatened and Endangered Species Concerns:
  - i. An approved contractor will submit the appropriate reports as required. Special Stipulations will be included in the COA's of the approved APD.
- e. Wildlife Seasonal Restrictions: Current wildlife restrictions and closure dates are specified in the BLM's Environment Impact Statement.

13. The Drilling Program is attached: See Exhibit "G".



Operator Certification:

a. Permitting and Compliance:

Kyla Vaughan  
Regulatory Compliance  
XTO Energy Inc.  
2700 Farmington Avenue, Bldg K, Ste 1  
Farmington, NM 87401  
505-324-1090

b. Drilling and Completions:

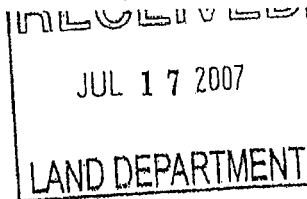
John Egelston  
XTO Energy Inc.  
2700 Farmington Avenue, Bldg K, Ste 1  
Farmington, NM 87401  
505-324-1090

c. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by XTO Energy Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided by XTO Energy Inc. This statement is subject to provisions of 18 U.S.C. § 1001 for the filing of a false statement.

Signature: \_\_\_\_\_

*Kyla Vaughan* 7/23/07  
Kyla Vaughan



1407 West North Temple, Suite 110  
Salt Lake City, Utah 84116  
(801) 220-2516 Office  
(801) 971-1077 Cellular  
(801) 220-4373 Fax

July 5, 2007

Mr. Ryan O'Kelley  
Associate Landman  
XTO Energy Inc.  
810 Houston Street  
Fort Worth, TX 76102

Re: Amendment No. 3 to the Non-Exclusive Surface Use Agreement Between PacifiCorp and XTO Energy Inc.

Dear Mr. O'Kelley:

XTO Energy Inc. ("XTO") and PacifiCorp have entered into a master Non-Exclusive Surface Use Agreement dated August 19, 2003 (the "Master Agreement"), which governs all surface facilities associated with XTO oil & gas exploration and production on lands owned by PacifiCorp in Emery County, Utah. The Master Agreement provides that new surface facilities be added to the terms of the Master Agreement by amending Attachment B and Attachment D thereto. Therefore, in order to add new surface facilities to the terms of the Master Agreement, I have enclosed Amendment 3 to Attachment B of the Master Agreement and Amendment 3 to Attachment D of the Master Agreement. As you know, Attachment B includes all legal descriptions for well pads, road segments, pipelines, powerlines and utility corridors located on PacifiCorp property that is covered by the Master Agreement. Attachment D includes a breakdown of the annual payment calculations for all road/utility corridor segments described in Attachment B.

If you are in agreement with the terms of the Master Agreement, as amended by the new Attachment B and Attachment D included with this letter, please have an authorized representative of your company sign on the line provided at the bottom of this letter. Upon due execution of this letter, the Master Agreement shall be amended by deleting the existing Attachment B and Attachment D thereto, and by inserting Attachment B and Attachment D included with this letter (each of which is designated as "Amendment 3") in lieu thereof. Also, as compensation for the new surface facilities, by signing below, XTO Energy Inc. agrees to send to PacifiCorp a check in the amount of [REDACTED] within thirty days of the date of this letter, as the one-time payment for the additional facilities located on PacifiCorp property required by Attachment A of the Master Agreement. The new annual payment schedule is outlined in Attachment D.

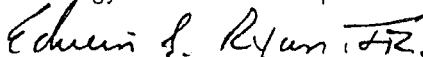
If you have any questions, please call me at (801) 220-2516 or (801) 971-1077.

Sincerely,

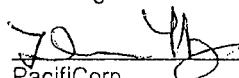
  
Brian Young  
Property Agent

Enclosure(s)

XTO Energy Inc. and PacifiCorp do hereby amend the Master Agreement in the manner set forth in this letter.

  
XTO Energy Inc.

7/13/07  
Date

  
PacifiCorp

7/16/07  
Date

EXHIBIT F

# **XTO Energy, Inc.**

**UP&L 17-8-6-34**  
**Drilling Data for APD**  
**July 23, 2007**

Surface Location: 461' FSL & 2280' FEL, Sec. 6, T17S, R8E

Proposed TD: 4090'

Approximate Elevation: 6594'

Objective: Ferron Coal

KB Elevation: 6606'

## **1. Mud Program:**

<b>Interval</b>	<b>0'-300'</b>	<b>300'-4090'</b>
<b>Hole Size</b>	<b>12.75"</b>	<b>8.75"</b>
<b>Mud Type</b>	<b>Fresh Water/Spud Mud</b>	<b>Air/LSND/Gel Chemical</b>
<b>Weight</b>	<b>N/A</b>	<b>8.4-8.6</b>
<b>Viscosity</b>	<b>N/A</b>	<b>45-60</b>
<b>Water Loss</b>	<b>N/A</b>	<b>8-10</b>

- a. Drill surface with Fresh Water/Spud Mud. If aeration becomes necessary, nipple up 20" rotating head.
- b. Air drill to TD using produced water for mist fluid unless excessive water flow is encountered then switch to water based mud. If mud is required, use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing.
- c. The blooie line will be approximately 100' in length and will extend in a straight line from below the rotating head as indicated in the BOP schematic. An automatic spark-type igniter will be fixed to the end of the blooie line and set to provide a continuous spark to ignite and burn any produced hydrocarbons and/or gasses.
- d. If necessary, de-dusting will be accomplished with a small pump, waterline, and spray nipple positioned near the end of the blooie line to provide a continuous spray of water.
- e. Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.
- f. The BOP system will be consistent with API RP53 and Onshore Oil & Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment subject to pressure will be conducted before drilling the casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain

**EXHIBIT G**

in use until the well is completed or abandoned. Ram preventers shall be inspected and operated daily. Annular preventers shall be inspected and operated weekly to ensure good mechanical working order. The inspections and tests shall be recorded in the drilling log and daily drilling report. See the attached BOP and choke manifold schematic.

## 2. Casing Program:

- a. Surface Casing set @ 300' in a 12.75" hole.

9.625, 36 #/ft, J-55, ST&C, New, ( 8.921" ID, 8.765" Drift)					
Collapse Press	Burst Press	Joint Strength	SF Collapse	SF Burst	SF Tension
2020	3520	394	15.060	26.240	36.480

- b. Production Casing set @ 4090' in a 8.75" hole.

5.5", 15.5 #/ft, J-55, ST&C, New, ( 4.950" I.D., 4.825" Drift)					
Collapse Press	Burst Press	Joint Strength	SF Collapse	SF Burst	SF Tension
4040	4810	202	2.210	2.630	3.190

Safety Factors based on vertical wellbore conditions with hydrostatic of fresh water with no backup used to calculate burst and collapse. Tension based on hanging weight in air.

## 3. Well Heads:

- a. Casing Head: Install WHI Fig 92 (or equivalent), 10-3/4" x 5-1/2" slip and seal, 2,000 psig WP (4,000 psig test) with 10-3/4" 8rd on bottom & 11-3/4" modified" 8rd thread on top. NU BOP and choke manifold (see attached schematic). Stack to consist of drilling spool with choke and kill lines, double rams with pipe rams on top, blind rams on bottom. Use cold water and test BOP to 250 psi low and 1,000 psi high. Record all tests on the IADC report. Inspect accumulator and closing unit to ensure that pre-charge pressures and oil levels are within API Specifications and report same on IADC report.
- b. Tubing Head: Larkin Fig 612 (or equivalent), 5,000 psig WP (5,000 psig test), 5 1/2" SOW (or API 8 rnd female thread) on bottom, 7 1/16" 5,000 psig flange on top with two 3" LPOs.

## 4. Cement Program:

- a. Surface: 142 sx of Type V cement (or equivalent) containing 1% CaCl<sub>2</sub>, 1/4 pps Flocele, and 10% Cal\_Seal mixed at 14.2 ppg and 1.61 ft<sup>3</sup>/sk.

EXHIBIT G

- i. Slurry Volume is 114 ft<sup>3</sup>, 200% excess of calculated annular volume to 300'.

b. Production:

- i. The production casing will be cemented using 2 (lead and tail) cement slurries. The lead cement (filler grade) volume will be calculated based on a maximum achievable top assuming formation pressure of 1,000 psi at the shoe. The tail cement will be calculated from TD to 300' above the Upper Ferron Sandstone as indicated on the formation tops table.
- ii. Lead Cement: 55 sx of CBM Light Weight Cement with 10 pps Gilsonite and ¼ pps celloflake mixed at 10.5 ppg and 4.15 ft<sup>3</sup>/sk.
- iii. Tail Cement: 97 sx of CBM Light Weight Cement with 10 pps Gilsonite and ¼ pps celloflake mixed at 13.5 ppg and 1.81 ft<sup>3</sup>/sk.
- iv. Slurry volume is 400 ft<sup>3</sup>, 40% excess of calculated annular volume to 1,000 psi hydrostatic over formation pressure.

5. Logging Program

- a. Mud logger: The mud logger will come on after surface pipe is set and will remain until TD. The mud will be logged in 10' intervals.
- b. Run Array Induction (if wet), compensated neutron, density, GR, caliper, SP (if wet), and Pe from TD to the bottom of the surface casing.

6. Formation Tops:

Formation	Well Depth
Top of Upper Ferron SS	3630
Top of Coal Zone	3660
Top of Lower Ferron SS	3790
Total Depth	4090

- a. No known oil zones will be penetrated.
- b. Gas bearing sandstones and coals will be penetrated from 3630' to 4090'.
- c. No known fresh water zones will be penetrated. The gas bearing sandstones and coals may contain in-situ water.
- d. No known mineral zones will be penetrated.

- e. Any prospectively valuable minerals and all fresh water zones encountered during drill will be recorded, cased, and cemented. If possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the appropriate agency.
- f. Maximum anticipated bottomhole pressure is anticipated to be less than 1,500 psi.
- g. No abnormal pressure, abnormal temperature, H<sub>2</sub>S, or other hazardous conditions are known to exist.

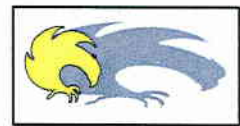
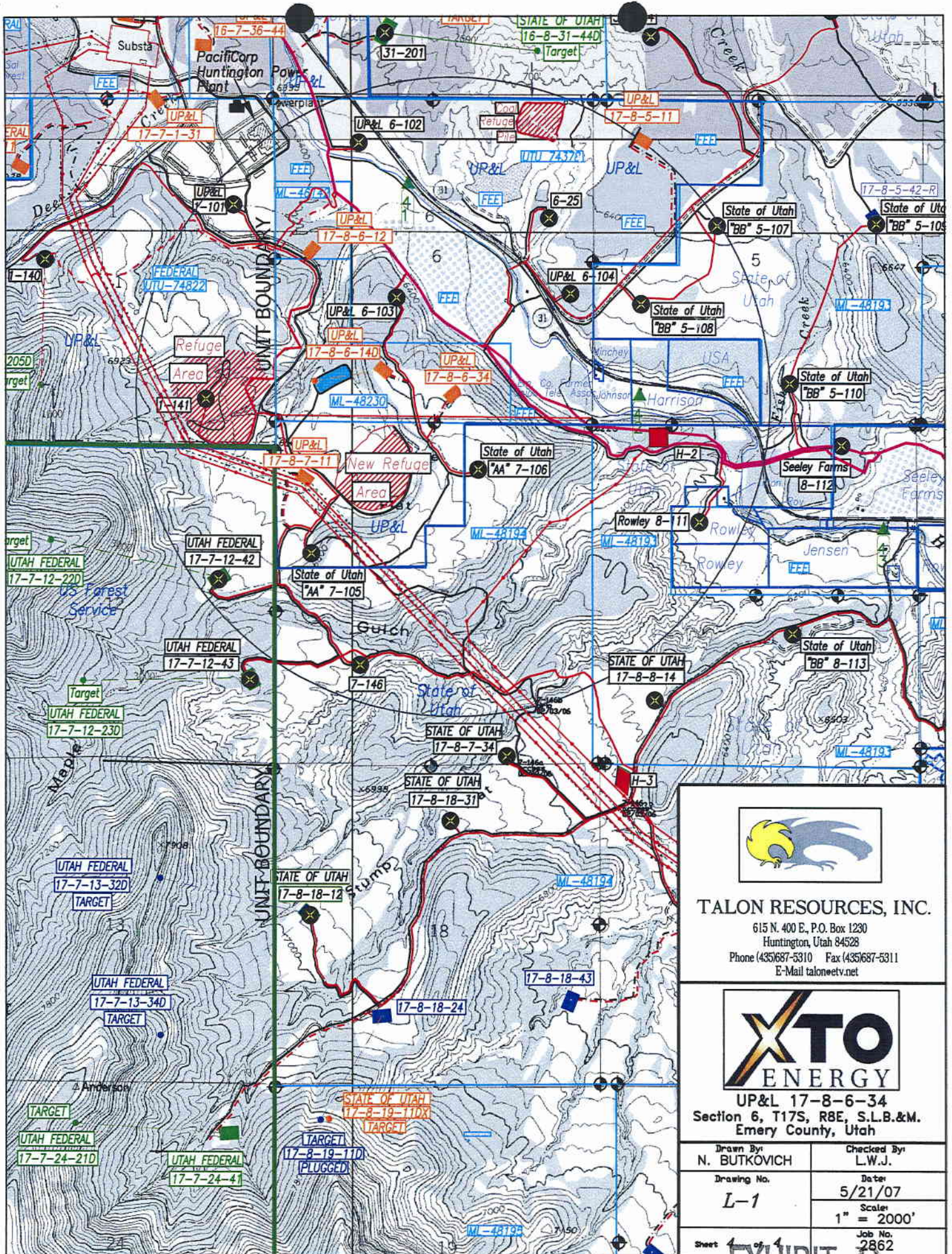
7. Company Personnel:

<b>Name</b>	<b>Title</b>	<b>Office Phone</b>	<b>Mobile Phone</b>
John Egelston	Drilling Engineer	505.564.6734	505.330.6902
Jerry Lacy	Drilling Superintendent	505.566.7914	505.320.6543
Joshua Stark	Project Geologist	817.885.2240	817.565.7158
Leonard West	Reservoir Engineer	817.885.2800	









# **TALON RESOURCES, INC.**

615 N. 400 E., P.O. Box 1230  
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311  
E-Mail talon@netv.net

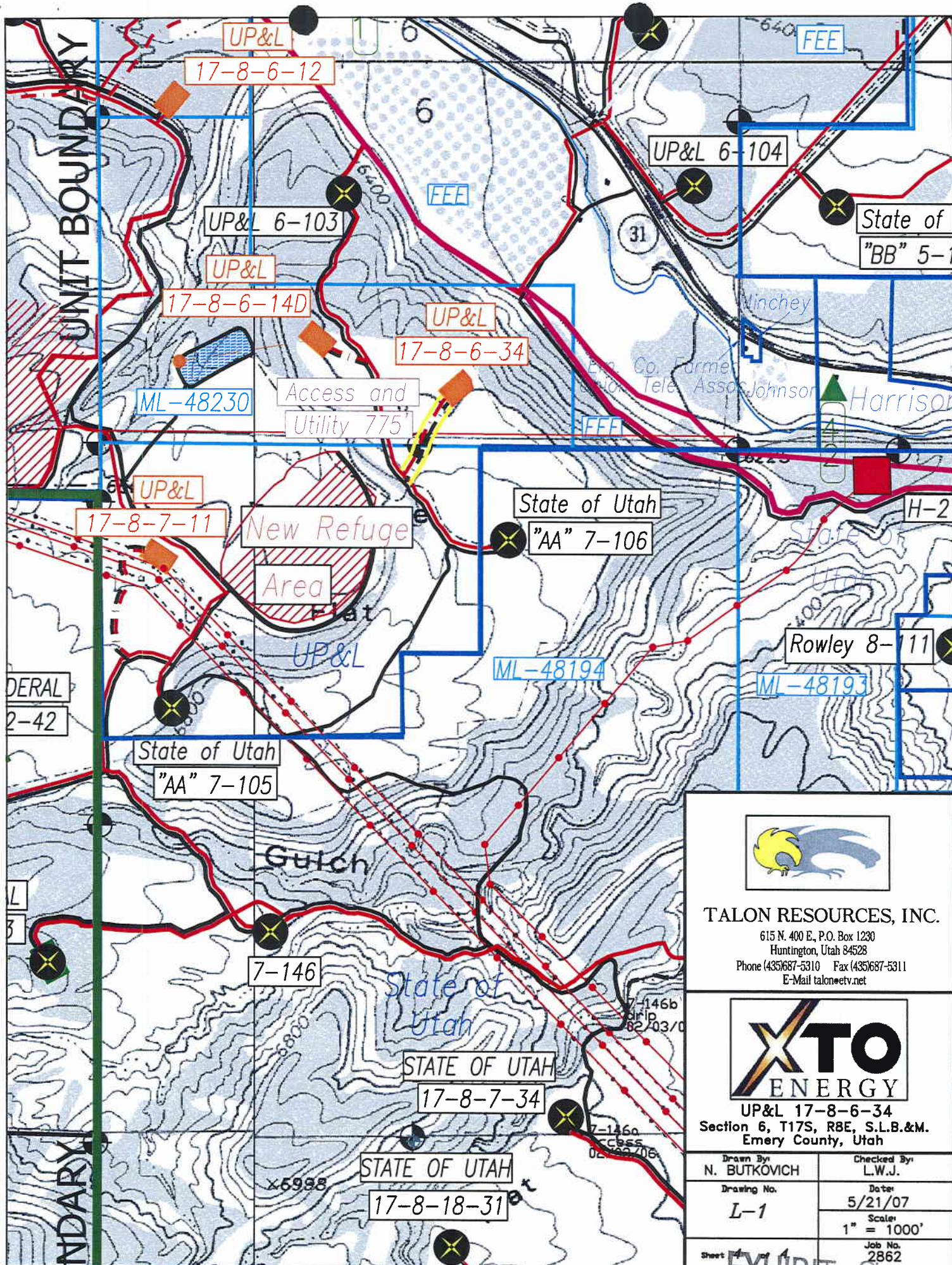


**UP&L 17-8-6-34**  
**Section 6, T17S, R8E, S.L.B.&M.**  
**Emery County, Utah**

Drawn By: <b>N. BUTKOVICH</b>	Checked By: <b>L.W.J.</b>
Drawing No. <b>L-1</b>	Date: <b>5/21/07</b>
	Scale: <b>1" = 2000'</b>
Sheet <b>1 of 1</b>	Job No. <b>2862</b>

**EXHIBIT B**





# TALON RESOURCES, INC.

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UP&L 17-8-6-34  
Section 6, T17S, R8E, S.L.B.&M.  
Emery County, Utah

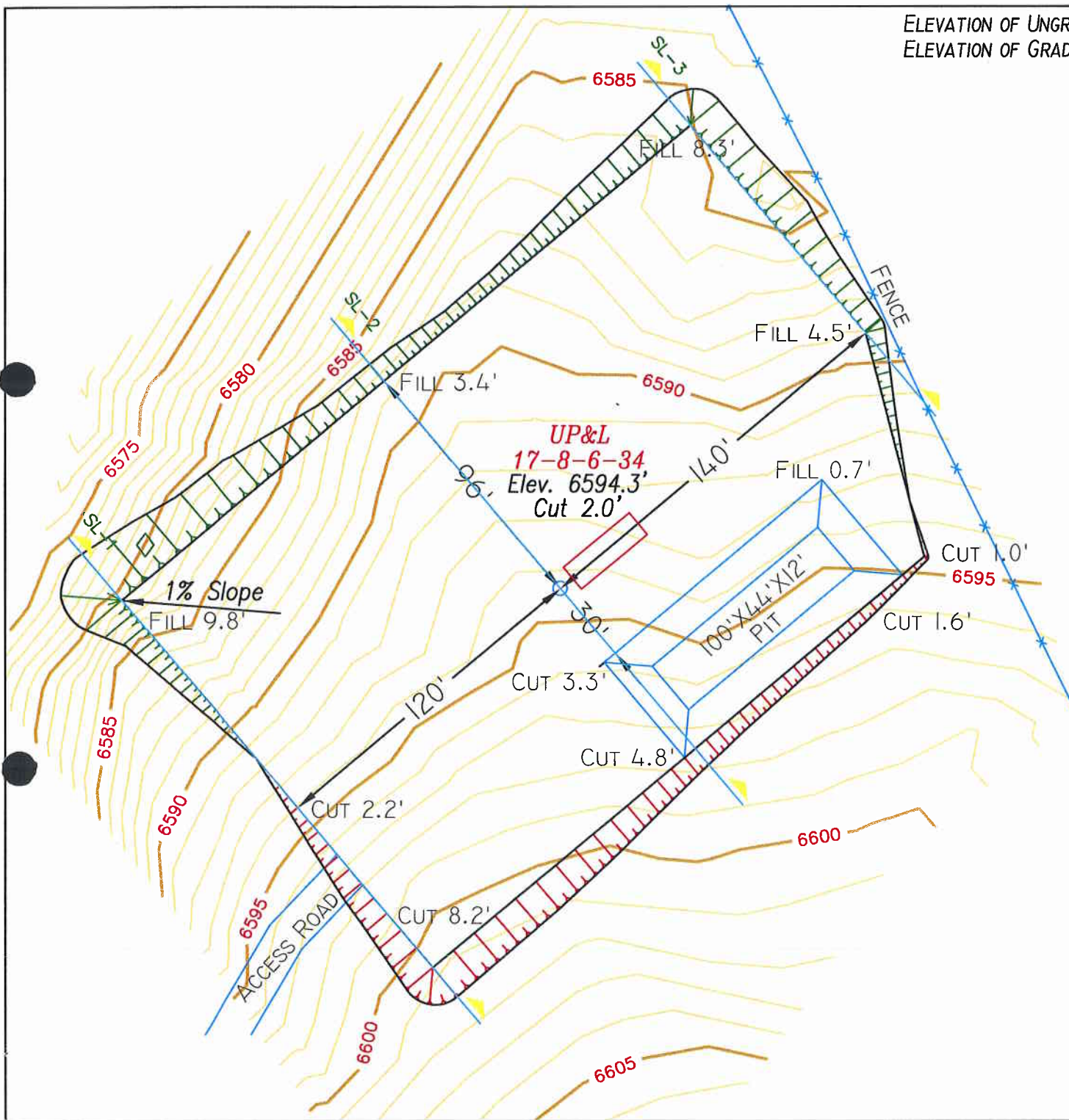
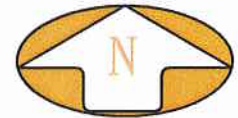
Drawn By N. BUTKOVICH	Checked By L.W.J.
Drawing No. L-1	Date 5/21/07
	Scale 1" = 1000'
Sheet No. 2862	Job No. 2862

EXHIBIT C



ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6594.3'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 6593.8'

EXHIBIT D



**TALON RESOURCES, INC.**

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@etv.net

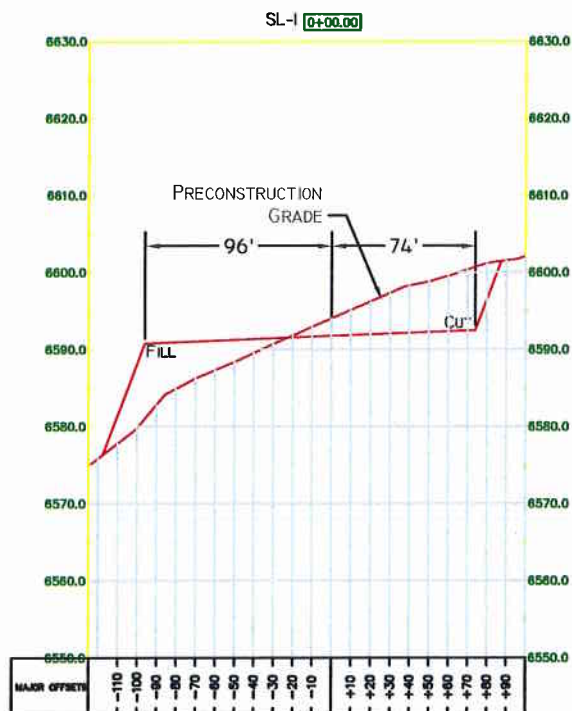
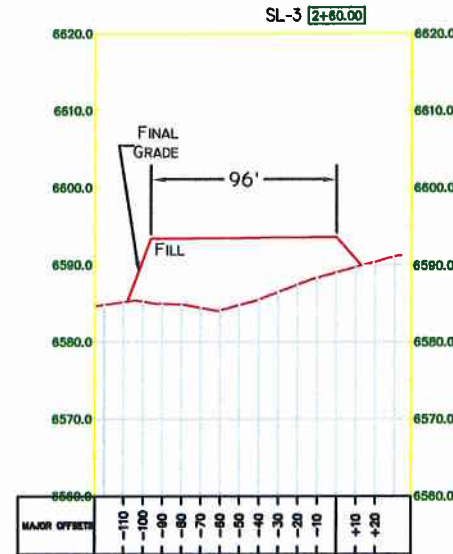
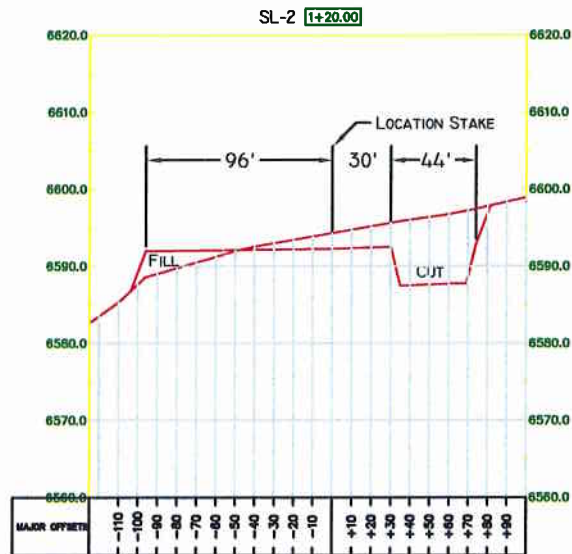


**LOCATION LAYOUT**  
**Section 6, T17S, R8E, S.L.B.&M.**  
**UP&L 17-8-6-34**

Drawn By: <b>N. BUTKOVICH</b>	Checked By: <b>L.W.J.</b>
Drawing No. <b>A-2</b>	Date: <b>5/21/07</b>
	Scale: <b>1" = 50'</b>
Sheet <b>2</b> of <b>4</b>	Job No. <b>2862</b>

EXHIBIT E

1"=10'  
X-Section  
Scale  
1"=40'



SLOPE = 1 1/2 : 1  
(EXCEPT PIT)  
PIT SLOPE = 1 ; 1

APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 820 CU. YDS.  
TOTAL CUT (INCLUDING PIT) = 3,825 CU. YDS.  
TOTAL FILL = 3,520 CU. YDS.



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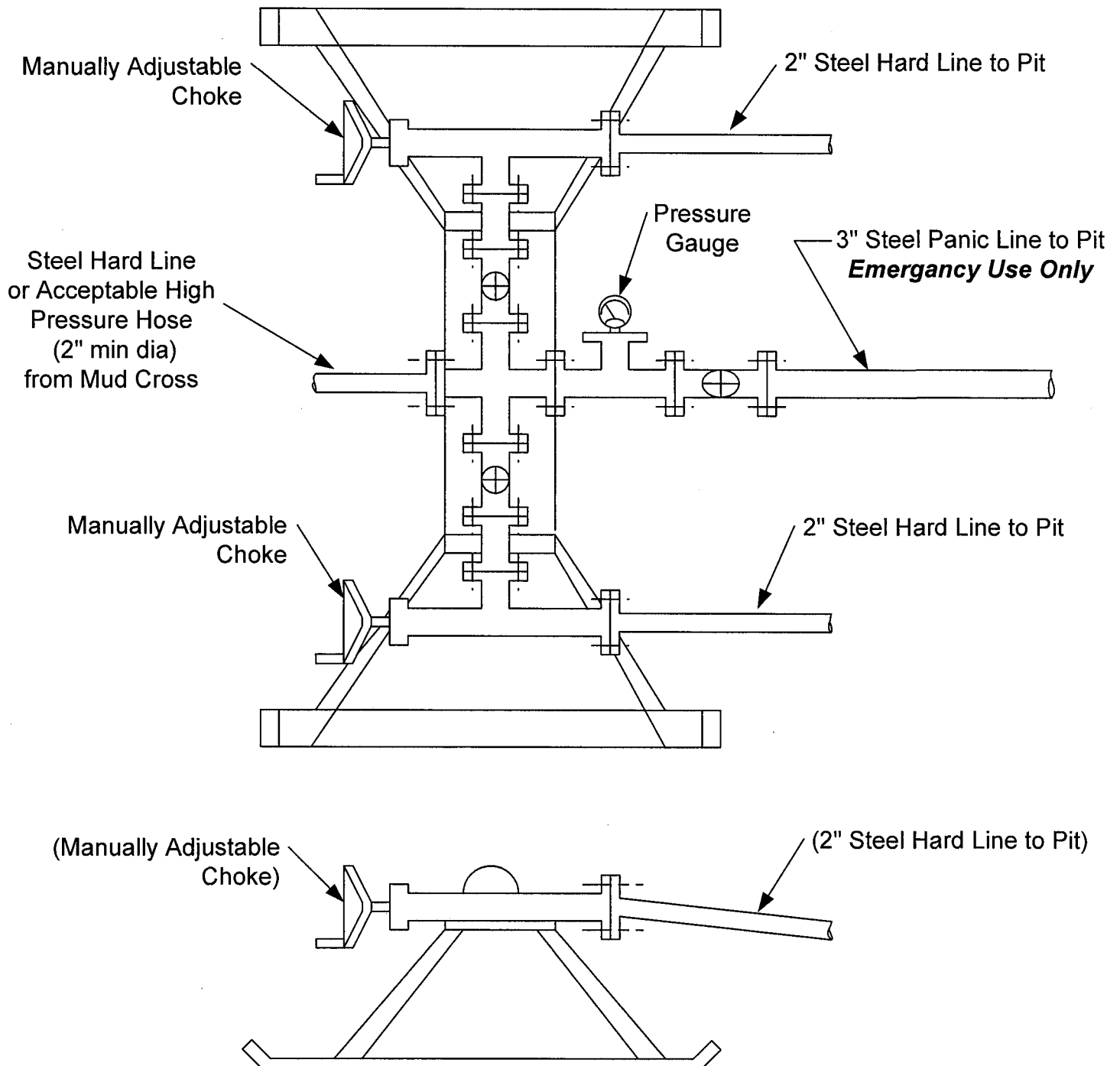
TYPICAL CROSS SECTION  
Section 6, T17S, R8E, S.L.B.&M.  
UP&L 17-8-6-34

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. C-1	Date: 5/21/07
	Scale: 1" = 100'
Sheet 3 of 4	Job No. 2862

# **CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE**

1. Stake all lines from choke manifold to pit.
2. Pressure test choke manifold after installation.
3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

## **TESTING PROCEDURE**



# BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

## TESTING PROCEDURE

### 1. Test BOP after installation:

Pressure test BOP to 200-300  
psig (low pressure) for 10 min.

Test BOP to Working Press or  
to 70% internal yield of surf csg  
(10 min) or which ever is less.

### 2. Test operation of (both) rams on every trip.

### 3. Check and record Accumulator pressure on every tour.

### 4. Re-pressure test BOP stack after changing out rams.

### 5. Have kelly cock valve with handle available.

### 6. Have safety valve and subs to fit all sizes of drill string on the rig floor and ready to go.

ROTATING HEAD  
(OPTIONAL)

FILL UP LINE

FLOW LINE  
TO PIT

PIPE  
RAMS

BLIND  
RAMS

TO CHOKE  
MANIFOLD  
2" dia min.

See Choke Manifold drawing for  
specifications

HCR VALVE (OPTIONAL)

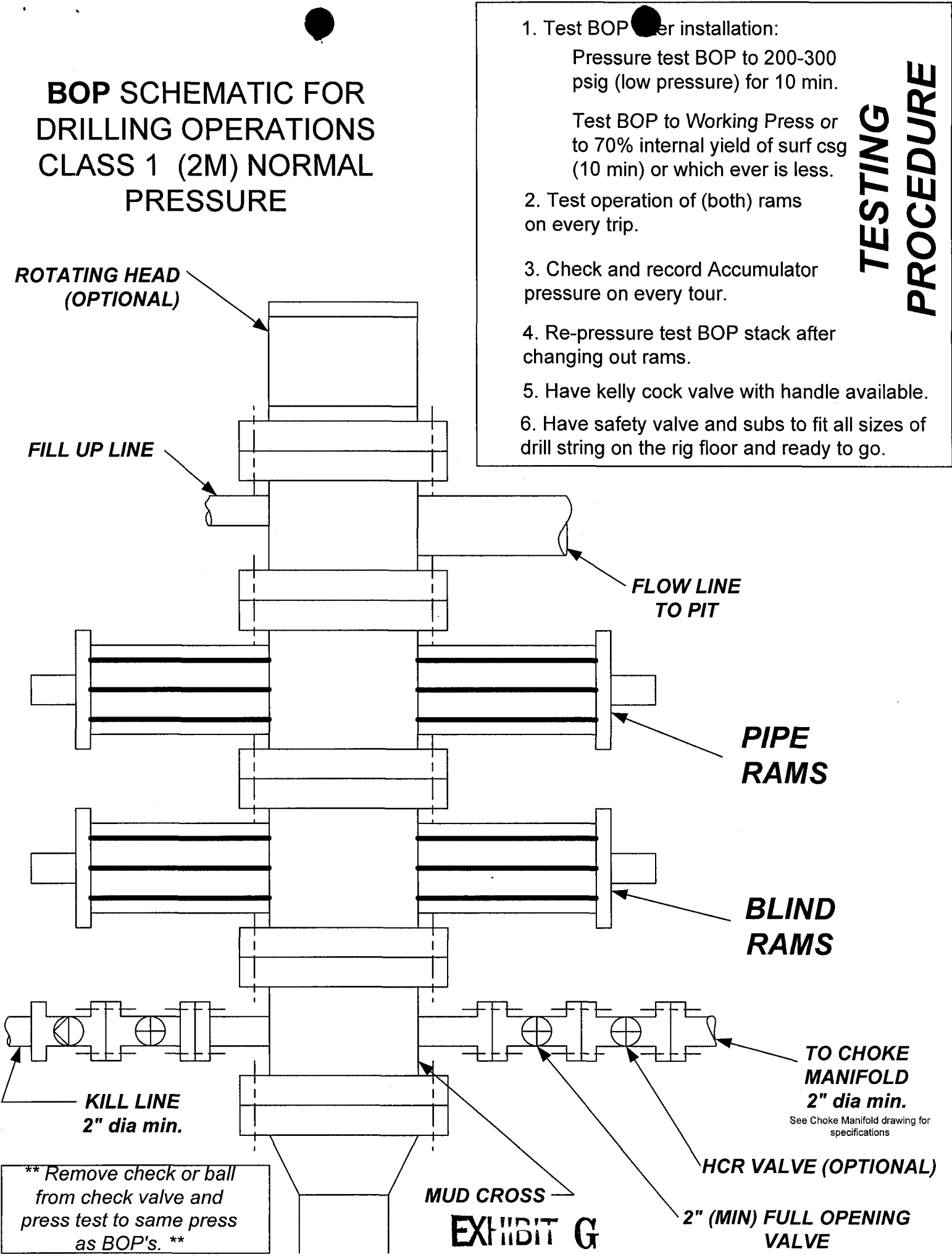
2" (MIN) FULL OPENING  
VALVE

KILL LINE  
2" dia min.

\*\* Remove check or ball  
from check valve and  
press test to same press  
as BOP's. \*\*

MUD CROSS

EXHIBIT G



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/26/2007

API NO. ASSIGNED: 43-015-30725

WELL NAME: UP&L 17-8-6-34

OPERATOR: XTO ENERGY INC ( N2615 )

PHONE NUMBER: 505-324-1090

CONTACT: KYLA VAUGHAN

PROPOSED LOCATION:

~~SESW~~ <sup>SWS</sup> 06 170S 080E

SURFACE: 0461 FSL 2280 FEL

BOTTOM: 0461 FSL 2280 FEL

COUNTY: EMERY

LATITUDE: 39.36784 LONGITUDE: -111.0663

UTM SURF EASTINGS: 494291 NORTHINGS: 4357391

FIELD NAME: BUZZARD BENCH ( 132 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DRD	10/23/07
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48230

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 104312762 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

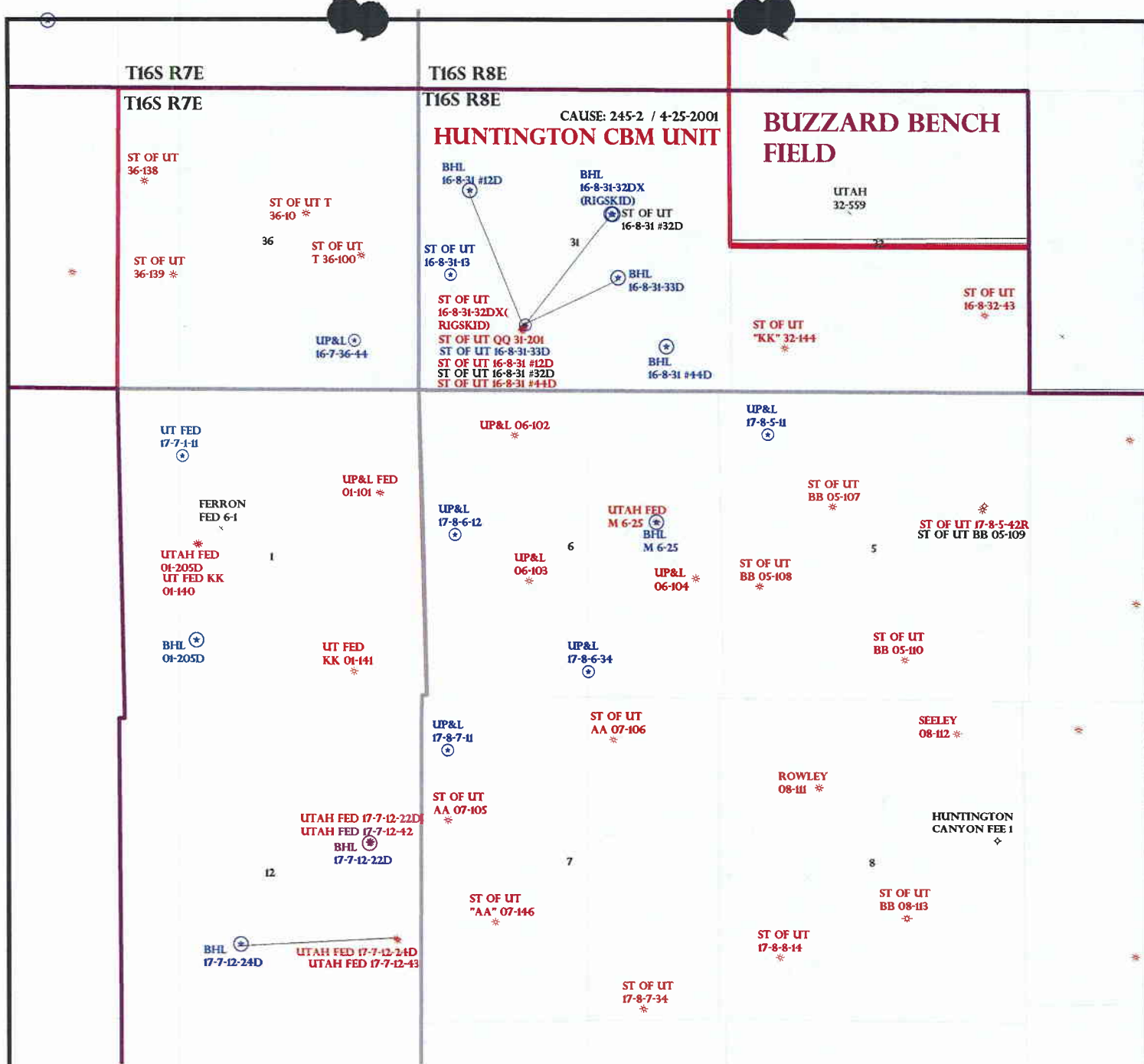
LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit: HUNTINGTON CBM *OK*  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 245-2  
Eff Date: 4-25-07  
Siting: *Suspending General Drilling*  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: Need Permit (08-15-07)

STIPULATIONS: 1 - STATEMENT OF BASIS





OPERATOR: XTO ENERGY INC (N2615)

SEC: 5,6,7 T.17S R. 8E

FIELD: BUZZARD BENCH (132)

COUNTY: EMERY

CAUSE: 245-2 / 4-25-2001

**Field Status**

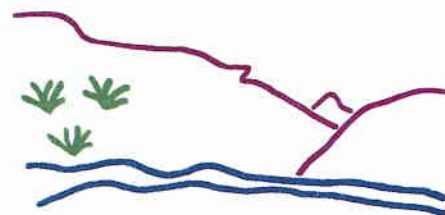
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 30-JULY-2007

# Application for Permit to Drill

## Statement of Basis

8/30/2007

Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>
469	43-015-30725-00-00		GW	P	No
<b>Operator</b>	XTO ENERGY INC	<b>Surface Owner-APD</b>			
<b>Well Name</b>	UP&L 17-8-6-34	<b>Unit</b>	HUNTINGTON CBM		
<b>Field</b>	BUZZARD BENCH	<b>Type of Work</b>			
<b>Location</b>	SESW 6 17S 8E S 461 FSL 2280 FEL	<b>GPS Coord (UTM)</b>	494291E 4357391N		

### Geologic Statement of Basis

A review of the ground water resources for this location indicates that there are numerous points of diversion within a one mile radius of this well but no underground sources of water. A poorly to moderately permeable soil is developed on the Upper Portion of the Blue Gate Member of the Mancos Shale in the mouth of Huntington Creek Canyon. Huntington Creek lies about 1,500' to the northeast. It is likely that the well will penetrate several sand units of the Emery Sandstone Member of the Mancos Shale that have been saturated by recharge from the creek. A fresh water/spud mud drilling fluid program is proposed for the surface casing interval. The proposed surface casing and cementing program should protect any near surface aquifers encountered during drilling. Water bearing sandstones encountered in the Emery Sandstone Member of the Mancos Shale should be afforded the protection of casing and cement. This may require extending the surface casing.

Chris Kierst  
APD Evaluator

8/30/2007  
Date / Time

### Surface Statement of Basis

On-site evaluation conducted August 15, 2007. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ray Trujillo-XTO, Damien Jones-NGO, Chris Nielson-Nielson Construction, Glenn Pinterich-PacifiCorp Energy, Ray Peterson-Emery County and Allen Childs-Talon Resources. Invited and choosing not to attend: Ed Bonner-Trust Lands Administration and Jim Davis-Trust Lands Administration.

DOGM recommends that XTO Energy continue to coordinate with PacifiCorp Energy concerning surface use. Minimum of a 12 mil line will be required in reserve pit.

Bart Kettle  
Onsite Evaluator

8/15/2007  
Date / Time

### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.



# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** XTO ENERGY INC  
**Well Name** UP&L 17-8-6-34  
**API Number** 43-015-30725-0 **APD No** 469 **Field/Unit** BUZZARD BENCH  
**Location:** 1/4,1/4 SESW **Sec** 6 **Tw** 17S **Rng** 8E 461 FSL 2280 FEL  
**GPS Coord (UTM)** **Surface Owner**

### **Participants**

Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ray Trujillo-XTO, Damien Jones-NGO, Chris Nielson-Nielson Construction, Glenn Pinterich-PacifiCorp Energy, Ray Peterson-Emery County and Allen Childs-Talon Resources

### **Regional/Local Setting & Topography**

Proposed project area is ~9 miles northwest of Huntington, located in Emery County Utah. Project site is surrounded by a series of sharp sandstone ledges cut by deep canyons along the eastern rim of the Wasatch Plateau. Drainages flow into Huntington Creek within a 3000 feet and eventually to the Green River 60 miles away. Project site is located in a 10-12" precept zone part way up the eastern slope of the Wasatch Plateau. Regionally agriculture lands are located along the valley floor 1 mile to the east, and the top of the Wasatch Plateau is 7 miles to the west. With the exception of the Skyline drive portions of the Wasatch Plateau, regionally the climate is arid rangelands dominated by Salt Scrub shrub lands and Pinion/Juniper woodlands. Soils in the region are generally poorly developed, and moderate too highly erosive. Locally the proposed project site lies within lands owned by PacifiCorp Energy within one mile of the Huntington Power Plant.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing  
Wildlife Habitat

#### **New Road**

<b>Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.25	<b>Width</b> 170 <b>Length</b> 260	Onsite	MNCS

**Ancillary Facilities** N

### **Waste Management Plan Adequate?** N

### **Environmental Parameters**

#### **Affected Floodplains and/or Wetland** N

Two dry wash crossings require 18-24" culverts.

#### **Flora / Fauna**

##### **Flora**

Grass: Crested wheatgrass, Siberian wheatgrass.

Forbs: None noted.

Shrubs: Rubber rabbit brush, four wing salt brush, Mormon tea and birch leaf mountain mahogany.

Trees: Utah juniper, two needle pinion pine.

Other: Harriman's yucca.

Fauna: Rocky mountain elk, mule deer, bobcat, cougar, raccoon, coyote, red fox use possible. Seasonal use by a host of song birds and raptors. Year long habitat for a host of small reptiles, mammals and birds.

**Soil Type and Characteristics**

Sandy/clay/loam, many large sandstone fragments

**Erosion Issues** N**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required** N**Berm Required?** N**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?****Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	300 to 1320	10
<b>Native Soil Type</b>	Mod permeability	5
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0

**Final Score** 25 1 **Sensitivity Level****Characteristics / Requirements****Closed Loop Mud Required?** N **Liner Required?** Y **Liner Thickness** 12 **Pit Underlayment Required?** N**Other Observations / Comments**

No comments received from Emery County. PacifiCorp Energy has requested that deer fence on the northern portions of the well pad be left in tact following the completion of the well pad.

**Bart Kettle**  
**Evaluator****8/15/2007**  
**Date / Time**

utah.gov


Online Services

Agency List

Business

Utah Division of Water Rights

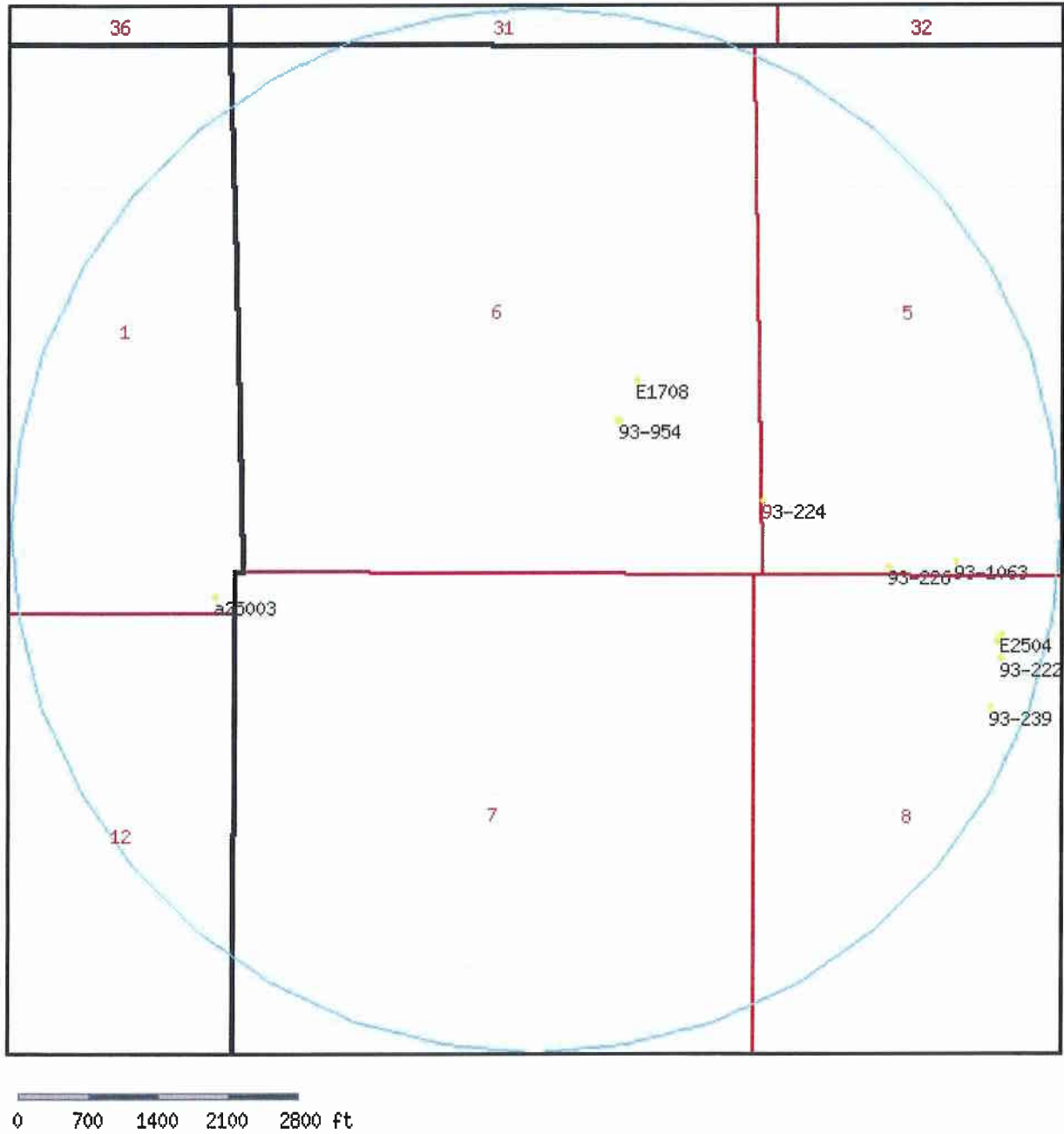
Search



WRPLAT Program Output Listing

Version: 2007.04.13.01      Rundate: 08/29/2007 05:30 PM

Radius search of 5280 feet from a point N461 W2280 from the SE corner, section 06, Township 17S, Range 8E, SL b&m Criteria:wrtypes=W,C,E  
podtypes=S,U,Sp status=U,A,P usetypes=all



**Water Rights**

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>93-1063</u>	Surface N165 W750 S4 05 17S 8E SL		U	19610330	DIS	0.000	130800.000	STATE OF UTAH BOARD OF WATER RESOURCES 1594 WEST NORTH TEMPLE, STE 310
<u>93-1140</u>	Surface N1572 W1466 SE 06 17S 8E SL		A	19220808	I	0.000	4000.000	HUNTINGTON-CLEVELAND IRRIGATION COMPANY  PO BOX 327
<u>93-221</u>	Surface S840 E2480 NW 08 17S 8E SL		P	18750000	DIMSP	150.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY  P.O. BOX 327
<u>93-2211</u>	Surface S1320 W300 N4 08 17S 8E SL		P	18790000	ISP	45.000	0.000	HUNTINGTON CLEVELAND IRRIGATION C/O J. CRAIG SMITH & DAVID B. HARTVIGSEN
<u>93-2212</u>	Surface S1320 W300 N4 08 17S 8E SL		P	18840000	ISP	77.250	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY  P.O. BOX 327
<u>93-2213</u>	Surface S1320 W300 N4 08 17S 8E SL		P	18880000	ISP	80.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY  P.O. BOX 327
<u>93-2226</u>	Surface S840 E2480 NW 08 17S 8E SL		P	18790000	DIMSP	45.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY  P.O. BOX 327
<u>93-2227</u>	Surface S840 E2480 NW 08 17S 8E SL		P	18840000	DIMSP	77.250	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY  P.O. BOX 327
<u>93-2228</u>	Surface		P	18880000	DIMSP	80.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY

	S840 E2480 NW 08 17S 8E SL					P.O. BOX 327
<u>93-2229</u>	Surface	P	18790000 ISP	45.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N760 0 SW 05 17S 8E SL					P.O. BOX 327
<u>93-2230</u>	Surface	P	18840000 ISP	77.250	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N760 0 SW 05 17S 8E SL					P.O. BOX 327
<u>93-2231</u>	Surface	P	18880000 ISP	80.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N760 0 SW 05 17S 8E SL					P.O. BOX 327
<u>93-2232</u>	Surface	P	18790000 ISP	45.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N100 E1270 SW 05 17S 8E SL					P.O. BOX 327
<u>93-2233</u>	Surface	P	18840000 ISP	77.250	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N100 E1270 SW 05 17S 8E SL					P.O. BOX 327
<u>93-2234</u>	Surface	P	18880000 ISP	80.000	0.000	HUNTINGTON CLEVELAND IRRIGATION
	N100 E1270 SW 05 17S 8E SL					C/O J. CRAIG SMITH & DAVID B. HARTVIGSEN
<u>93-224</u>	Surface	P	18750000 ISP	150.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N760 0 SW 05 17S 8E SL					P.O. BOX 327
<u>93-226</u>	Surface	P	18750000 ISP	150.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	N100 E1270 SW 05 17S 8E SL					P.O. BOX 327
<u>93-239</u>	Surface	P	18750000 ISP	150.000	0.000	HUNTINGTON CLEVELAND IRRIGATION

	S1320 W300 N4 08 17S 8E SL					C/O J. CRAIG SMITH & DAVID B. HARTVIGSEN USA BUREAU OF RECLAMATION -- PROVO AREA OFFICE
<u>93-954</u>	Surface	A	19620702 IS	75.000	0.000	UPPER COLORADO REGION
	N1565 W1430 SE 06 17S 8E SL					PACIFICORP AN OREGON CORPORATION 1407 WEST NORTH TEMPLE SUITE 110
<u>a25003</u>	Surface	A	20001010 S	0.000	1.000	HUNTINGTON-CLEVELAND IRRIGATION COMPANY P.O. BOX 327
	N190 W182 SE 01 17S 7E SL					PACIFICORP DBA UTAH POWER & LIGHT COMPANY ATTN: CARLY BURTON
<u>a25346</u>	Surface	A	20010315 IS	0.000	344.800	CASTLE VALLEY SPECIAL SERVICE DISTRICT P. O. BOX 877
	S662 E2449 NW 08 17S 8E SL					
<u>E1708</u>	Surface	A	19800915 IS	0.000	10.800	
	S700 W1220 E4 06 17S 8E SL					
<u>E2504</u>	Surface	A	19870326 M	0.000	325.000	
	S600 E2480 NW 08 17S 8E SL					

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2007-09 XTO UP&L 17-8-6-34

Casing Schematic

Surface

BAP  $0.052(4090)8.6 = 1829 \text{ psi}$   
anticipate  $< 1500 \text{ psi}$

GM  $.12(4090) = 490 \text{ psi}$   
MASP  $1339 \text{ psi}$

BOPE 2M ✓

Burst 3520  
70%  $2464 \text{ psi}$

Max P @ surf. shoe  
 $.22(3790) = 834$   
 $1829 - 834 = 995 \text{ psi}$

test to  $1000 \text{ psi}$  ✓

✓ Adequate DAD 10/23/07

TOC @ 0.

Blue Gate ✓

Surface 300. MD

9-5/8"  
MW 8.4  
Frac 19.3

TOC @ 2965.

3630' Upper Ferron SS  
3660' Coal Zone  
3790' Lower Ferron SS

5-1/2"  
MW 8.6

Production 4090. MD



Well name:

2007-09 XTO UP&amp;L 17-8-6-34

Operator: **XTO Energy, Inc.**

String type: Surface

Project ID:

43-015-30725

Location: Emery County

**Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 69 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 150 ft

Cement top: Surface

**Burst**Max anticipated surface  
pressure: 264 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 300 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)Tension is based on air weight.  
Neutral point: 263 ft**Non-directional string.****Re subsequent strings:**Next setting depth: 4,090 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 1,827 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 300 ft  
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	9.625	36.00	J-55	ST&C	300	300	8.796	130.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	131	2020	15.431	300	3520	11.73	11	394	36.48 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & MineralsPhone: 801-538-5357  
FAX: 801-359-3940Date: September 11, 2007  
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

2007-09 XTO UP&amp;L 17-8-6-34

Operator: **XTO Energy, Inc.**

String type: Production

Project ID:

43-015-30725

Location: Emery County

**Design parameters:****Collapse**Mud weight: 8.600 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 122 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

Cement top: 2,965 ft

**Burst**Max anticipated surface pressure: 927 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 1,827 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)**Non-directional string.**

Tension is based on air weight.

Neutral point: 3,558 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4090	5.5	15.50	J-55	ST&C	4090	4090	4.825	546.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1827	4040	2.211	1827	4810	2.63	63	202	3.19 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & MineralsPhone: 801-538-5357  
FAX: 801-359-3940Date: September 11, 2007  
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

October 25, 2007

XTO Energy, Inc.  
2700 Farmington Ave.  
Farmington, NM 87401

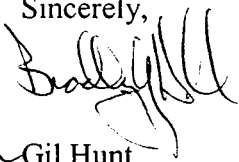
Re: UP&L 17-8-6-34 Well, 461' FSL, 2280' FEL, SW SE, Sec. 6, T. 17 South, R. 8 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30725.

Sincerely,

  
Gil Hunt  
Associate Director

pab  
Enclosures

cc: Emery County Assessor  
SITLA

Operator: \_\_\_\_\_ XTO Energy, Inc.  
Well Name & Number \_\_\_\_\_ UP&L 17-8-6-34  
API Number: \_\_\_\_\_ 43-015-30725  
Lease: \_\_\_\_\_ ML-48230

Location: SW SE                      Sec. 6                      T. 17 South                      R. 8 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at:                      (801) 538-5338 office                      (801) 942-0873 home
- Carol Daniels at:                      (801) 538-5284 office
- Dustin Doucet at:                      (801) 538-5281 office                      (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC.  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410

Operator Account Number: N 2615

Phone Number: (505) 333-3100

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530725	UP & L 17-8-6-34		SWSE	6	17S	8E	EMERY
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>XB</i>	<i>99999</i>	<i>13161</i>	<i>7/8/2008</i>		<i>7/15/08</i>		
Comments: <i>FRSD</i>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

WANETT MCCAULEY

Name (Please Print)

*Wanett McCauley*  
Signature  
FILE CLERK  
Title

7/11/2008

Date

**RECEIVED**

**JUL 14 2008**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HUNNINGTON CBM
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: UP&L 17-8-6-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S		9. API NUMBER: 4301530725
		10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS
		COUNTY: EMERY
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/8/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. spudded 20" conductor hole 7/08/2008 & drilled to 110'. Opened hole to 26" f/0' to 110' & drilled to 160'. Set 4 jts of 14" conductor pipe @ 160' & cemented to surface w/200 sx Type G cement. Cement fell back 6'.

Drilling ahead. . . .

NAME (PLEASE PRINT) WANETT MCCAULEY	TITLE FILE CLERK
SIGNATURE <i>Wanett McCauley</i>	DATE 7/15/2008

(This space for State use only)

RECEIVED

JUL 21 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL	8. WELL NAME and NUMBER: UP&L 17-8-6-34
PHONE NUMBER: (505) 333-3100	9. API NUMBER: 4301530725
10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS	

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S

COUNTY: EMERY

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: JULY '08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 7/01/2008 thru 7/31/2008.

RECEIVED

AUG 11 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) WANETT MCCAULEY	TITLE FILE CLERK
SIGNATURE <i>Wanett McCauley</i>	DATE 8/4/2008

(This space for State use only)



# EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008  
Report run on 8/4/2008 at 11:58 AM

UP & L 17-08-06-34 - Buzzards Bench, 06, 17S, 08E, Emery, Utah, , Orangeville,  
AFE: 712541

Objective: Drill & Complete a Ferron coal gas well

7/9/2008 Move in and rig up rat hole rig, Drill 20" conductor hole from GL to 100',  
Shut down for the night  
Move in rat hole rig, Drill 20" conductor hole from GL to 100', Shut down for  
the night

7/10/2008 ===== UP & L 17-08-06-34 =====  
Drill 20" hole f/100' to 110'. Open hole f/00' to 110' to 26"  
Drill 20" f/100' to 110'. Open up hole to 26" f/0' to 110'

7/11/2008 ===== UP & L 17-08-06-34 =====  
Drill 26" hole f/110' to 150'.  
Drill 26" hole f/110' to 150"

7/12/2008 ===== UP & L 17-08-06-34 =====  
Wait on drill string pipe.  
Wait on drill string pipe

7/13/2008 ===== UP & L 17-08-06-34 =====  
Drlg 26" hole, set 160' of 14" conductor pipe. Cmt conductor pipe.  
Drlg 26" hole, Run 160' of 14" conductor pipe, cmt conductor pipe f/160' to  
surface, cmt fell back 6'. Rig released to UP&L 17-8-7-11. Notified voice  
mail of Bart Kettle of Surface pipe and cmt jobs @ 17:34, 7-12-08.

7/14/2008 ===== UP & L 17-08-06-34 =====  
MIRU Pro Petro #5. Drlg 180' of 12 1/4" Hole, TD @ 340'. Ran 318' of 9 5/8"  
csg. Cmt 9 5/8" csg. W/Pro Petro Rig #5. Cmt w/200 sx, 40.1 bbl of 2% kcl,  
1/4lb Flocele Type "G" 15.5 ppg. RDMO Pro Petro #5, MIRU Elenburg #11.  
Drlg 180' of 12 1/4" Hole, TD @ 340'. Ran 318' of 9 5/8" csg. Cmt 9 5/8" csg.  
W/Pro Petro Rig #5. Cmt w/200 sx, 40.1 bbl of 2% kcl, 1/4lb Flocele Type "G"  
15.5 ppg. MIRU Elenburg #11.

7/15/2008 ===== UP & L 17-08-06-34 =====  
MIRU Elenburg #11, Weld wellhead, Nipple up, Pressure test, Rig up blouie  
line  
Notified Bart Kettle of BOP and Csg test, voice mail @ 18:00, 7-14-  
08. Pressure test Bop, choke manifold, valves and csg 5 minute low @ 250 psi.  
30 minute high @ 1000 psi. Repair 1 valve, successfull test.

7/16/2008 ===== UP & L 17-08-06-34 =====  
Rig up Blouie Line. Pick up BHA, Drlg Cmt. Drlg f/340' to 947'.  
Drlg w/Air Mist. 1800 cfm, 18 bph water, 5 gph soap, 5 gph corr inhib. Tag  
cmt @ 224'. Survey @ 509', 1.5 deg.

7/17/2008 ===== UP & L 17-08-06-34 =====  
Drlg f/947' to 1747', Trips for float sub. Surveys and work on Air Comp  
equipment.  
Drlg w/Air Mist, 2200 cfm, 18 bph water, 5 gph soap, 5 gph corr inhib.  
Surveys @ 978', 1 deg and @ 1505, 1deg.

7/18/2008 ===== UP & L 17-08-06-34 =====  
Drlg f/1754' to 3094'. Trips for float sub. Surveys.  
Drlg w/Air Mist, 2200 cfm, 18 bph water, 5 gph soap and 5 gph corr. inhib.  
Surveys @ 2003', 1 deg, @ 2505' 1 1/4 deg. @ 3003' 2 1/2 deg.

## EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008  
Report run on 8/4/2008 at 11:58 AM

---

7/19/2008      ===== UP & L 17-08-06-34 =====  
                 Drlg f/3094' to 3791'. Trips for float sub. Survey.  
                 Drlg w/Air Mist, 2200 cfm, 18 bph water, 5 gph soap, 5 gph corr inhib. Survey  
                 @ 3530', 1 deg. Topped Ferron sand @ 3616' + or -. Notified Bart Kettle  
                 w/Utah Oil and Gas of 5 1/2' csg and Cmt jobs. Voice mail @ 08:00, 7-18-08.

7/20/2008      ===== UP & L 17-08-06-34 =====  
                 Drlg f/3791' to 3929'. Trip for bit @ 3890'. Ream f/3593' to 3890'.  
                 Drlg w/Air Mist, 2200 cfm, 18 bph water, 5 gpm soap, 5 gpm corr inhib.

7/21/2008      ===== UP & L 17-08-06-34 =====  
                 Drlg f/3929' to 4143'. Trip for float. Survey. Spot 70 bbl of 3% kcl. Lay  
                 down drlg pipe and BHA. Log w/Phoenix Survey. Run 5 1/2" Csg. Cmt w/Superior  
                 Well Service. Nipple down, set slips and cut off.  
                 TD @ 4143'. Loggers TD @ 4126'. Ran 94 jts 5 1/5" S-80, 17# ST&C Csg. Total  
                 4133.77'. Set @ 4132' KB. Cmt w/ 225 sx of Super Coal Blend, Plug down @  
                 03:19, 7-21-08. Set 100k on pipe slips. Rig Released @ 06:00, 7-21-08.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: UP&L 17-8-6-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL		8. WELL NAME and NUMBER: 4301530725
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S		9. API NUMBER: 4301530725
COUNTY: EMERY		10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: AUGUST '08
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY	TITLE FILE CLERK
SIGNATURE <i>Wanett McCauley</i>	DATE 9/3/2008

(This space for State use only)

RECEIVED  
SEP 08 2008  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HUNNINGTON CBM
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: UP&L 17-8-6-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL		9. API NUMBER: 4301530725
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S		10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS
COUNTY: EMERY		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/2/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1ST DELIVERY
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. first delivered this well to Questar through the Huntington CDP @ 12:30 p.m. on Thursday, 10/02/2008 with an IFR of 60 MCFD.

Huntington CDP Meter #000-150

NAME (PLEASE PRINT) WANETT MCCAULEY

TITLE FILE CLERK

SIGNATURE

DATE 10/3/2008

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OCT 06 2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: UP&L 17-8-6-34
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: 4301530725
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL		9. API NUMBER: 4301530725
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S		10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS
COUNTY: EMERY		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SEPTEMBER '08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 9/01/2008 thru 9/30/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY TITLE FILE CLERK  
SIGNATURE *Wanett McCauley* DATE 10/3/2008

(This space for State use only)

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OCT 06 2008

# EXECUTIVE SUMMARY REPORT

9/1/2008 - 9/30/2008  
Report run on 10/1/2008 at 2:54 PM

UP & L 17-08-06-34 - Buzzards Bench, 06, 17S, 08E, Emery, Utah, , Orangeville,  
AFE: 712541

Objective: Drill & Complete a Ferron coal gas well  
Rig Information: Mesa WS, 217,

9/16/2008

SICP 0 psig. MIRU JW WL. RIH w/dump blr & dmpd 10 gals 28 % HCL @ 3,748'.  
POH & LD dump blr. RDMO WLU. MIRU CAL FRAC frac crew. A. Ferron Coal perfs  
fr/3,663' - 3,750' dwn 5-1/2" csg w/1000 gals 15% HCL at 8 BPM & 20 psig.  
Form BD @ 34 bpm & 1750 psig. Frac Ferron Coal perfs fr/3,663' - 3,750'  
w/798 bbl slick wtr. 2,654 bbl DynAqua-1 frac fld carrying 119,068 lbs/gal  
20/40 Brady sd & 81,640 lbs/gal 16/30 Brady sd. Last 81,680 lbs/gal 16-30  
Brady sd ppd SiberProp coated. Frac Gradient 0.75. Flshd w/82 bbl Linear  
Gel, 3 bbls short. Sd conc 0.30 - 5.00 ppg. SICP 1,153 psig, 5" SICP 917  
psig, 10" SICP 782 psig, 15" SICP 670 psig. ATP 1,585 psig. AIR 53 bpm.  
Max TP 2,074 psig. Max IR 60 bpm. Max sd conc 5.00 ppg. 3,763 BLWTR.  
RDMO CAL FRAC. SWI. Susp rpts to further activity.

===== UP & L 17-08-06-34 =====

9/18/2008

SICP 10 psig. Cont rpt for AFE # 712541 to D & C Ferron Coal. Fr/9-16-08 to  
9-18-08. Ferron Coal fr/ 3,663' - 3,750'. PBTD @ 4,083'. MIRU Mesa WS Rig  
#217. BD well. ND frac vlv. NU BOP. TIH w/43 jts 2-7/8" new tbg (EOT @  
1,414'). SWI. SDFN. 3,763 BLWTR.

===== UP & L 17-08-06-34 =====

9/19/2008

SITP 0 psig, SICP 5 psig. Bd csg. PU & TIH w/68 jts 2-7/8" tbg. Tgd 430'  
of fill @ 3,653'. Ferron Coal fr/ 3,663' - 3,750'. PBTD @ 4,083'. Unable  
to estab circ w/200 BPW. TOH w/20 jts 2-7/8" tbg. SWI. SDFWE 3,963 BLWTR

===== UP & L 17-08-06-34 =====

9/22/2008

SITP 0 psig, SICP 0 psig. TIH w/20 jts 2-7/8" tbg. Tgd fill @ 3,653'.  
Ferron Coal fr/ 3,663' - 3,750'. RU swivel. RU Weatherford AFU & estb circ.  
Stg in hole & CO 8' sd bridge fr/3,653' - 3,661' & sd fill fr/3,998' - 4,083'  
PBTD (Tbg meas) w/14 jts 2-7/8" tbg. Circ well cln for 1 hr. RD AFU. RD  
swivel. TOH w/14 jts 2-7/8" tbg. EOT @ 3,653'. SWI. SDFN 3,963 BLWTR.

===== UP & L 17-08-06-34 =====

9/23/2008

SITP 245 psig, SICP 245 psig. Bd well. TIH w/14 jts 2-7/8" tbg. Tgd no  
fill @ 4,083' PBTD. PUH w/10 jts 2-7/8" tbg. EOT @ 3,800'. RU swb tls.  
BFL @ 1,500' FS. 0 BO, 200 BLW, 18 runs, 7 hrs FFL @ 1,500' FS, FCP 480  
psig. RD swb tls. TIH w/10 jts 2-7/8" tbg @ 12:00 pm had 5' of fill. Tgd 5'  
of addl fill @ 4,078'. TIH w/10 jts 2-7/8" tbg @ 4:30 pm. Tgd no addl fill.  
TOH w/104 jts 2-7/8" tbg. SWI. SDFN. 3,763 BLWTR

# EXECUTIVE SUMMARY REPORT

9/1/2008 - 9/30/2008  
Report run on 10/1/2008 at 2:54 PM

===== UP & L 17-08-06-34 =====

9/24/2008

SITP 190 psig, SICP 190 psig. Bd well. TOH w/20 jts 2-7/8" tbg. PU 2-7/8" x 30' OPMA, 2 jts 2-7/8" tbg, 2705 Cavins desander, 2-7/8" x 4' tbg sub & 2-7/8" SN. TIH w/pmp BHA, 7 jts 2-7/8" tbg, 2-7/8" x 10' tbg sub, 5-1/2" x 2-7/8" TAC & 109 jts 2-7/8" tbg. ND BOP. Set TAC @ 3,603'. Ld tbg w/2-7/8" donut tbg hgr in 15 K tens. SN @ 3,846'. EOT @ 3,967'. PSTD @ 4,083'. Ferron Coal perfs fr/3,663' - 3,750'. NU WH. PU & loaded Western pump 2-1/2" x 1-3/4" x 20' RHBC-DV pmp (XTO #154) w/1' X 1" stnr nip. TIH w/pmp, 1 - 1-1/2" x 25' sbs, 1 - 7/8" x 4' stabilizer rod, 3 - 1-1/2" x 25' sbs, 1 - 7/8" x 4' stabilizer rod, 4 - 1-1/2" x 25' sbs, 1 - 7/8" x 4' stabilizer rod, 4 - 1-1/2" x 25' sbs, 1 - 7/8" x 4' stabilizer rod, 82 - 3/4" skr d w/3 molded guides pr rod, 57 - 7/8" skr d w/3 molded guides pr rod & 1-1/4" x 30' PR w/1-1/2" x 18' PR lnr. Seated pmp. PT tbg to 1,000 psig w/12 BFW for 10". Tstd ok. Rlsd press. LS pmp w/rig to 500 psig. GPA. HWO. Unable RWTP surf equip not ready. RDMO Mesa WS rig #217. 3,776 BLWTR.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: UP&L 17-8-6-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 461' FSL & 2280' FEL		9. API NUMBER: 4301530725
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S		10. FIELD AND POOL, OR WILDCAT: BUZZ BENCH/FERRON SS
COUNTY: EMERY		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: OCTOBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 10/01/2008 thru 10/31/2008.

RECEIVED

NOV 10 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JENNIFER M. HEMBRY

TITLE FILE CLERK

SIGNATURE

DATE 11/5/2008

(This space for State use only)



## EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008  
Report run on 11/4/2008 at 12:27 PM

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UP & L 17-08-06-34 - Buzzards Bench, 06, 17S, 08E, Emery, Utah, , Orangeville,

AFE: 712541

Objective: Drill & Complete a Ferron coal gas well

Rig Information: Mesa WS, 217,

10/2/2008

The UP&L 17-08-06-34 was First Delivered to CDP at 12:30 p.m., Thursday, 10/02/2008. Initial rate 60 MCFD, FLWTP 158, SICP 239, ppg 207 BWPB, 3667 BLWTR.

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DEC 01 2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>		
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR: XTO Energy Inc.						9. API NUMBER: 4301530725	
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410				PHONE NUMBER: (505) 333-3100		10 FIELD AND POOL, OR WILDCAT BUZZARD BENCH/FERR SS	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 461' FSL & 2280' FEL  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH: SAME						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 6 17S 8E S	
						12. COUNTY EMERY	13. STATE UTAH

14. DATE SPURRED: 7/8/2008	15. DATE T.D. REACHED: 7/20/2008	16. DATE COMPLETED: 10/2/2008	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6594' GL
18. TOTAL DEPTH: MD 4,143 TVD	19. PLUG BACK T.D.: MD 4,083 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *			21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) GR/CCL/CBL, CD, CN, DIG,					23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)

## 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26"	14" A25	36.75#	0	160		G 200		SURF	
12 1/4"	9.63" J-55	36#	0	318		G 200		SURF	
8 3/4"	5.5" S-80	17#	0	4,132		S.C. 225		2,362'	

## 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	3,967							

## 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) FERRON COAL	3,663	3,750			3,663 3,750	0.41"	75	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

## 27. PERFORATION RECORD

## 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3,663' - 3,750'	Acidized w/1,500 gals 15% HCL. Frac'd w/35,500 gals slickwater & 108,000 gals 20# Borate XL Gel carrying 119,000 lbs 20/40 Brady sd & 81,500 lbs 16/30 Brady sd, & 81,000 lbs 16/30 SiberProp.

## 29. ENCLOSED ATTACHMENTS:

- |   |  |                                       |   |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS                         | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT   | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER: _____ |   |

## 30. WELL STATUS:

Producing

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/2/2008	10/2/2008	24	→	0	60	207	FLOWING
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
	158	239				→	

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES:	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
			→				
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES:	INTERVAL STATUS:
						→	

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				EMERY SANDSTONE	474
				LOWER BLUEGATE SHALE	1,667
				UPPER FERRON SANDSTN	3,626
				LOWER FERRON SANDSTN	3,796
				TUNUNK SHALE	3,961

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BARBARA NICOL

TITLE FILE CLERK

SIGNATURE

*Barbara Nicol*

DATE 11/24/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48230
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: UP and L 17-8-6-34
2. NAME OF OPERATOR: XTO ENERGY INC		9. API NUMBER: 43015307250000
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0461 FSL 2280 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 06 Township: 17.0S Range: 08.0E Meridian: S		COUNTY: EMERY
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/18/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed an acid treatment on this well per the following: 3/18/2015: MIRU acid pmp trk. Hold pre acid job safety meeting. SD PU & SI well @ 9:30 a.m. PT surf lines 1000 psig, gd test. Pmp 5 bbls TFW. Pmp 750 gl HCL 15% @ 3 BPM down TCA, 15 psi max presser, flshd w/40 bbl TFW. ISIP 0. RDMO acid pmp trk. Left well SI for 2 hrs. RWTP @ 11:50 a.m. ppg @ 120" x 4.5 SPM.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 31, 2015

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 3/31/2015